

UNITED STATES PATENT OFFICE.

CORNELIUS M. McCARTY, OF ROMNEY, WEST VIRGINIA.

CALCIMINING COMPOUND.

SPECIFICATION forming part of Letters Patent No. 283,130, dated August 14, 1883.

Application filed March 14, 1883. (No specimens.)

To all whom it may concern:

Be it known that I, CORNELIUS M. McCARTY, a citizen of the United States, residing at Romney, in the county of Hampshire and State of West Virginia, have invented a new and useful Calcimining Compound, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to compounds for calcimining purposes; and it has for its object to produce a calcimine that will not crack or peel off, but will hold fast to any surface, and it possesses other important advantages, all of which will be hereinafter set forth.

The ingredients I use in this composition are substantially in the following proportions, viz: paris-white, three pounds and nine ounces; ground white glue, five ounces; glycerine, one-half ounce; alum, one and one-half ounce.

In preparing the calcimine for market, mix the glue and glycerine together, and then add the paris-white, the whole to be put up in dry packages. The alum is to be put up in a separate package, and in these two packages the compound is sold on the market.

When mixing the compound for immediate use, put the paris-white, glue, and glycerine in a suitable pail. Pour into it about two and one-half pints of boiling water, and stir well until dissolved. Then add one and one-half pints of cold water, stir again, and the calcimine is ready for use.

The alum may need only be used when a wall is very rough and porous. When desired to be used, the alum should be dissolved in a half gallon of boiling water, and should be applied to the wall, before putting the second coat of the first three ingredients. When finishing a rough wall, the alum makes the second coat work smoothly, and it also saves material when the wall is rough and porous.

The glycerine makes the calcimine work very smoothly and spread easily, so that any one can apply it to the walls without being experienced in calcimining. The alum keeps it from setting and drying fast, as other calcimines do, and it also keeps it from cracking or peeling off. The walls will not appear streaked when applied, and will not stain by water.

Four pounds of this calcimine will go farther than any other, as this quantity will cover forty-five square yards and give a better body than generally secured. The calcimined surface is very hard and firm, thereby preventing it from being rubbed off.

The compound can be sold very cheap and made in all tints and colors, the coloring-matter being contained in the quantity of paris-white. It is applied in the usual manner by means of a brush either on a rough or smooth wall.

The advantages of this calcimine will be readily appreciated by those having experience in calcimining, as its cheapness, durability, and ready application will appear apparent to all.

I am aware that it is not new to combine gypsum, alum, borax, and pulverized glue to form a calcimining compound. I am also aware that it is not new to combine pulverized gypsum, glue, and sulphate of zinc for the same purpose; but I am not aware that glycerine has been used heretofore for this purpose. This ingredient adds a valuable feature to the compound by making the calcimine work more smoothly on the wall, somewhat similar to paint. It also makes the compound spread more easily on the wall without danger of streaking. It possesses other advantages, principal among these being that it adds to the brilliancy and strength of the color or polish. I therefore make no claim to the combination of plaster-of-paris and glue, as I am aware that it is old; but,

Having thus described my invention, what I claim is—

A compound for calcimining purposes, consisting of paris-white, ground white glue, and glycerine, mixed together in the proportions substantially as stated.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

CORNELIUS MILFORD McCARTY.

Witnesses:

R. H. COOKUS,
H. J. RIDENOUR.